

# ANCHOR

## C.difficile PCR Kit

- Quick Guide -



### General Recommendation

Carefully read instructions for use

### Kit Components



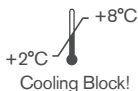
Master A C. difficile	Master B C. difficile	IC DNA 2	! PC C. difficile Tox A/B	! NC DNA 2
4 Vials	4 Vials	1 Vial	1 Vial	1 Vial
4x 125 $\mu$ L	4x 125 $\mu$ L	1000 $\mu$ L	200 $\mu$ L	200 $\mu$ L

**! INTERNAL CONTROL INSIDE !**

### Internal Control

IC DNA 2 as Purification Control  $\rightarrow$  Add 10% of the elution buffer volume to the sample/lysis mixture (refer to section „Sample Preparation“ in the Instructions for Use for details).

### PCR Reaction Set-up



Consider an extra 10%  
Master A and B volume to  
account for pipetting loss!

PC and NC already  
contain IC DNA 2!



## Cycler Settings

Reaction volume: 25 µL

Instrument	C. difficile	IC DNA 2	Temperature Profile		
LightCycler 480 II	465/510	533/580	95°C	1 sec	x 40
Cobas z 480	465/510	540/580	65°C *	2 sec	
Bio-Rad CFX 96	FAM	HEX	72°C	1 sec	
Rotor-GeneQ	Green	Yellow			
QuantStudio 5	FAM	HEX			

Instrument	C. difficile	IC DNA 2	Temperature Profile		
Mic qPCR	Green	Yellow	95°C	1 sec	x 40
Select „Standard TAQ“ - Run Profile / Temperature Control			63°C *	2 sec	
			72°C	1 sec	

\* Fluorescence acquisition for toxigenic *C. difficile* and IC

## Storage

- The Anchor *C. difficile* PCR Kit should be stored at -30 to -15 °C.
- Repeated thawing and freezing of the Master reagents of >3x should be avoided.
- Due to the components used it might be possible that Master vials do not always freeze completely after initial thawing. This is not a matter of concern and does not influence the stability or performance of the assay.
- If the reagents are to be used only intermittently, they should be frozen in aliquots.
- During PCR set up the reagents should be kept cooled at +2 to +8°C → Cooling Block!
- Do not store Master A and B *C.difficile* more than 3h at +2 to +8°C.
- Protect all reagents from extensive light exposure.

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### Support

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